

**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole Inventor (if only one name is listed below) or an original, first and joint Inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PARTICLE SEPARATING DEVICE**

the specification of which (check applicable box(es)):

is attached hereto

was filed on

as U.S. Application Serial No.

was filed as PCT International application No.

PCT/FI2004/000658

(Atty. Dkt. No. 2747-3)

and (if applicable to U.S. or PCT application) was amended on

on

9 November 2004

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application.

Application Number  
20031635

Country  
FI

Day/Month/Year Filed  
11 November 2003

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number

Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below.

Prior U.S./PCT Application(s):

Application Serial No.  
PCT/FI2004/000658

Day/Month/Year Filed  
9 November 2004

Status: patented  
pending, abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-816-4000 (to whom all communications are to be directed) and the attorneys of. **Customer Number 23117**, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

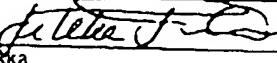
1. Inventor's Signature:

  
 Inventor: Timo Karmeniem  
 (first) MI (last)  
 Residence: (city) Helsinki (state/country) Finland  
 Mailing Address: Versokuja 2 A 6, Helsinki, Finland  
 (Zip Code) FI-00790

Date: 5 June 2006

Finnish  
(citizenship)

2. Inventor's Signature:

  
 Inventor: Jukka Tuunanen  
 (first) MI (last)  
 Residence: (city) Helsinki (state/country) Finland  
 Mailing Address: Korikkotie 20 C, Helsinki, Finland  
 (Zip Code) FI-00630

Date: 5 June 2006

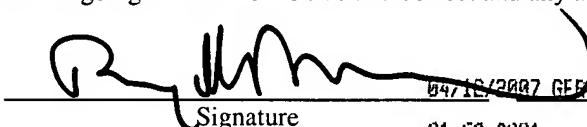
Finnish  
(citizenship)

RECORDATION FORM COVER SHEET

**PATENTS ONLY**

Our Ref.: 2747-3

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  Timo KÄRMENIEMI Jukka TUUNANEN	2. Name and address of receiving party(ies):  (1) Name: THERMO ELECTRON OY Street Address: Ratastie 2 City: Vantaa State/Country: Finland Zip: FI-01620
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other	Additional name/s of conveying party/ies attached? <input type="checkbox"/>  (2) Name: Street Address: City: State/Country: Zip:  Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Execution Date: <u>June 5, 2007</u>	
4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application. A. Patent Application No(s). (1) 10/578,861 (2) (3)	B. Patent No(s). (1) (2) (3)  Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>Bryan H. Davidson</u>  Internal Address:  Street Address: <u>Nixon &amp; Vanderhye P.C.</u> <u>901 North Glebe Road</u> <u>11th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22203</u>	6. Total number of applications & patents involved: <u>1</u>  7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140
8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. <u>14-1140</u> .	
<b>DO NOT USE THIS SPACE</b>	
9. Statements and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
<p><u>Bryan H. Davidson</u> Name of Person Signing Reg. No. 30,251</p> <p> Signature</p> <p>6/4/2007 GEELY1 6/4/2007 2007 01 FC:8021 Date 40.00 OP</p>	
Total number of pages including <b>original</b> cover sheet, attachments, and document: [2]	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

## ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Timo KÄRMENIEMI

Jukka TUUNANEN

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) THERMO ELECTRON OY

(Address) Ratastie 2, Vantaa, Finland FI-01620

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as

(Title) PARTICLE SEPARATING DEVICE (PCT/FI2004/000658, filed 9 November 2004)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on \_\_\_\_\_ or has already filed U.S. appln. Serial No.

10/578,861 on \_\_\_\_\_

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date 5 June 2006 Signature of inventor

Date 5 June 2006 Signature of inventor

Timo KÄRMENIEMI  
Jukka TUUNANEN